

INTERNATIONAL SEARCH REPORT

International Application No
PCT/CA2004/000514

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C10J3/18 C10J3/46 C10J3/57

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C10J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, X	WO 03/095072 A (CHAN BENJAMIN CHUN PONG ; LAU EDMUND KIN ON (CN)) 20 November 2003 (2003-11-20) abstract; claims; figures page 5, paragraph 21 - page 6, paragraph 22 page 8, line 29 - page 9, line 30 page 9, paragraph 33 page 10, line 36 - page 11, line 37 ----- WO 02/081909 A (ECO ELECTRIC POWER CO INC) 17 October 2002 (2002-10-17) abstract; figures page 5, line 13 - line 15 page 5, line 26 - line 31 page 6, line 37 - page 7, line 10 ----- -/-	1,20
X		1

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

26 August 2004

Date of mailing of the international search report

03/09/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl.
Fax: (+31-70) 340-3016

Authorized officer

Lapeyrere, J

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No.

CT/CA2004/000514

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
WO 03095072	A	20-11-2003	WO US	03095072 A1 2003209174 A1		20-11-2003 13-11-2003
WO 02081909	A	17-10-2002	WO US	02081909 A2 2002144981 A1		17-10-2002 10-10-2002
US 6127645	A	03-10-2000	US	5798497 A		25-08-1998
			US	5666891 A		16-09-1997
			AT	239067 T		15-05-2003
			AU	711952 B2		28-10-1999
			AU	6347096 A		27-08-1996
			CA	2212152 A1		15-08-1996
			CN	1179172 A , B		15-04-1998
			DE	69627822 D1		05-06-2003
			DE	69627822 T2		11-03-2004
			EP	0807154 A2		19-11-1997
			ES	2199287 T3		16-02-2004
			JP	10513255 T		15-12-1998
			NZ	305522 A		28-01-1999
			PT	807154 T		30-09-2003
			US	6018471 A		25-01-2000
			US	6160238 A		12-12-2000
			WO	9624441 A2		15-08-1996
			US	6037560 A		14-03-2000
			US	6066825 A		23-05-2000
			US	6630113 B1		07-10-2003
			US	6215678 B1		10-04-2001
			US	5811752 A		22-09-1998
			US	5756957 A		26-05-1998
			US	5847353 A		08-12-1998
			US	5908564 A		01-06-1999
WO 03018721	A	06-03-2003	WO	03018721 A1		06-03-2003
			CA	2465905 A1		06-03-2003
			CZ	20040390 A3		14-07-2004
			EP	1419220 A1		19-05-2004
EP 1227142	A	31-07-2002	JP	2002226201 A		14-08-2002
			CN	1370732 A		25-09-2002
			EP	1227142 A2		31-07-2002
			US	2002100215 A1		01-08-2002
EP 0133982	A	13-03-1985	DE	3330750 A1		14-03-1985
			AT	27262 T		15-06-1987
			AU	559585 B2		12-03-1987
			AU	3204184 A		28-02-1985
			BR	8404246 A		23-07-1985
			CA	1218957 A1		10-03-1987
			DE	3463758 D1		25-06-1987
			EP	0133982 A2		13-03-1985
			JP	60071691 A		23-04-1985
			PL	249329 A1		24-04-1985
			SU	1531849 A3		23-12-1989
			US	4588850 A		13-05-1986
			ZA	8406598 A		24-04-1985

INTERNATIONAL SEARCH REPORT

International Application No
PCT/CA2004/000514

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 127 645 A (COHN DANIEL R ET AL) 3 October 2000 (2000-10-03) abstract; figures column 7, line 20 - line 30 -----	1,20
A	WO 03/018721 A (LEATHERMAN GARY L ; DO ROBERT T (US); GLOBAL PLASMA SYSTEMS GROUP IN () 6 March 2003 (2003-03-06) page 6, line 9 - line 15 page 12, line 30 - line 32 page 15, line 6 - line 17 abstract; figures -----	1,20
A	EP 1 227 142 A (HATANAKA TAKEFUMI) 31 July 2002 (2002-07-31) abstract; figures column 3, line 48 - line 56 column 4, line 20 - line 29 -----	1,20
A	EP 0 133 982 A (HUELS CHEMISCHE WERKE AG) 13 March 1985 (1985-03-13) abstract; figures page 4, line 18 - line 25 page 5, line 26 - line 31 page 6, line 9 - line 18 -----	1,20